Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 17 Dec 2023 until 23:59 on Monday 18 Dec 2023

Forecast Issued on Sunday 17 Dec 2023 at 03:28

Confidence: High confidence for general weather pattern, lower for rainfall detail by Tuesday.

Headline for Sunday 17 Dec 2023: Cloudy and very windy with drizzle for much of the day, heavy rain into the evening.

Mountain weather hazards on Sunday 17 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
40%	40%	30%	40%	70%	80%

Forecast for Sunday 17 Dec 2023

Weather: Low cloud will linger throughout the day with outbreaks of light rain or drizzle. By late afternoon rain will turn heavy feeding in from the north, continuing through the evening. Very strong winds throughout.

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: Broken or overcast low cloud base 500-600m throughout. Visibility good at low levels but moderate in rain and poor in hill fog.

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Mountain Weather Forecast

Ground Conditions Supplement

Forecast for Sunday 17 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	53/63 SW	52/63 SW	47/58 SW	44/54 SW	45/56 SW	41/51 SW	36/45 SW
600	49/61 SW	48/60 SW	42/56 SW	37/50 SW	36/48 SW	32/43 SW	28/38 SW
300	18/46 SW	18/46 SW	17/42 SW	15/39 SW	15/38 SW	14/34 SW	13/31 SW
Valley	14/37 SW	14/38 SW	16/37 SW	15/35 SW	14/33 SW	13/30 SW	12/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-5	4/-4	4/-3	4/-3	5/-2	5/-2	6/-0
600	5/-2	6/-2	6/-0	6/0	6/0	7/1	7/2
300	7/2	7/3	8/4	8/4	8/5	8/5	8/6
Valley	9/6	9/6	10/7	10/7	10/7	10/7	10/8
Freezing Level*	2100m	2000m	2500m	2600m	2900m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds, particularly at height, will hamper progress.

Forecast for Monday 18 Dec 2023

Weather: Another cloudy day with heavy rain at first, this easing during the morning but light rain persisting into the afternoon. Drier into the evening with skies clearing for a time.

Maximum wind: Southwest 15-20 mph gusting 30-40 mph, easing through the day.

Chance of cloud-free hill tops above 800m: 10% improving to 80% during the evening.

Low cloud and visibility: Broken or overcast low cloud base 500-700m, lowering 400m at times, clearing during the evening to few base 700-800m. Visibility moderate or poor in rain and hill fog, improving to good into the evening.

Temperature: **Valleys:** Plus 10 or 11 Celsius
At 800m: Plus 6 to 8 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Date: Saturday 16 December Location: Helvellyn summit at 1117 Full report: A cloudy but largely dry day in the lakes with small amounts of precipitation and moderate winds. The majority of the Lakeland fells are now snow-free with just a few patches remaining above 750-800m in sheltered areas, and generally on north and east-facing aspects. Popular routes such as Striding and Swirral Edge are snow-free, however, a bank of snow remains on the popular Swirls path (which may be hard and icy with any overnight freezing). A similar day is expected tomorrow with potential for persistent rain and gale or near-gale-force winds (especially in the morning). Despite the recent relatively mild temperatures, the windchill (feels-like temperature) is often in the minus figures. Full winter clothing (waterproofs, extra warm layers, hat & gloves), a map, compass, and headtorch are all essential. Temperature: plus 4.8 C, Maximum wind speed 26.5 mph, Wind chill: minus 1.8 C, Average wind speed: 19.1 mph.

Issued at: 03:28 on Sun 17 Dec 2023

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